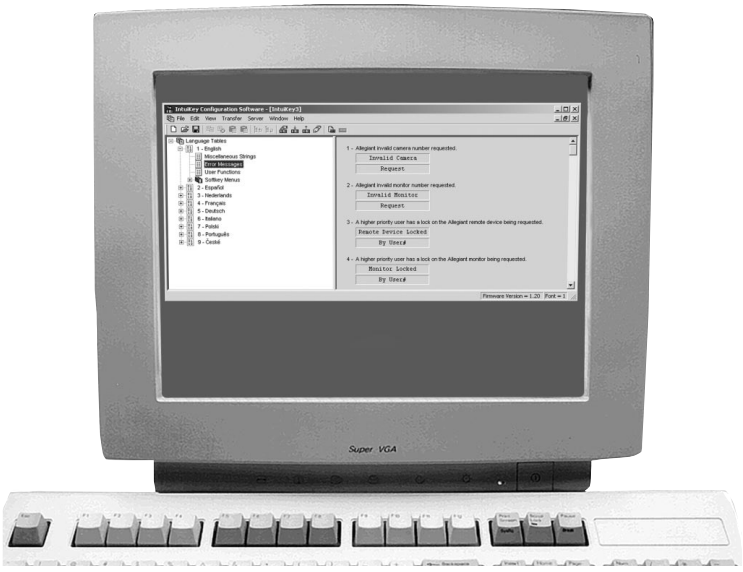
KBD-SFTCFG



Security Systems

EN

Instruction Manual

Software for the IntuiKey Series Digital Keyboard Software Version 1.80

BOSCH

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1.0 INTRODUCTION

The BOSCH KBD-SFTCFG (IntuiKey Configuration Software) is used to customize the text displays and Command Script (CCL) macro associations of BOSCH IntuiKey Series keyboards.

The KBD-SFTCFG creates IntuiKey Configuration (.int) files which contain one or more language tables. In general, a language table is a collection of text that an IntuiKey keyboard displays on its LCDs, plus a collection of commands that allow IntuiKey keyboards to execute Command Script (CCL) macros on a BOSCH Allegiant® matrix switcher/controller system.

Although IntuiKey keyboards can store no more than 8 language tables at once, IntuiKey Configuration (.int) files can hold as many language tables as the PCs resources will allow. When an IntuiKey keyboard has been connected to a PC with an RS-232 interface cable, language tables can be transferred between the KBD-SFTCFG software and the keyboard.

When a new IntuiKey Configuration (.int) file is created, it will contain several language tables. The language tables are identical in function, but their text has been translated into different languages which may include English, Spanish, Dutch, French, German, Italian, Polish, Portuguese, Czech, Russian, Slovak, Simplified Chinese, Traditional Chinese, or Korean. This text can be customized as needed (perhaps translated into yet other languages) using any characters available in the keyboard's font tables. (see *APPENDIX A*).

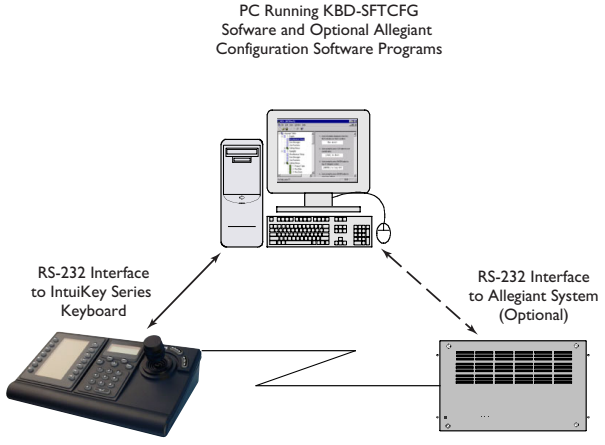


Figure 1 – Typical Application Using the KBD-SFTCFG

2.0 REQUIREMENTS

The KBD-SFTCFG can only be used on PCs which have the following:

- Pentium® CPUs (or better)
- CD-Rom Drive
- 1 Serial (COM) Port (2 if the Allegiant interface will also be used)
- 1 Parallel Port (if running Allegiant software)
- Microsoft® Windows NT® 4.0 (with Service Pack 6), Windows 2000® or Windows XP®

3.0 KBD-SFTCFG INPUT LOCALES

The KBD-SFTCFG is compatible with any of the Windows® Input Locales available for a PC. However, it will only accept characters that are contained within the keyboard's font tables (see *APPENDIX A*).

In Windows®, Input Locales are configured with the Control Panel's Regional Settings applet.

4.0 PARTS LIST

The KBD-SFTCFG includes the following items:

- A CD-Rom
- An RS-232 Interface Cable (Part Number S1385)
- Installation Instructions (this manual)
- A Software License Agreement

5.0 OPTIONAL ACCESSORIES

- Allegiant LTC 8059/00 Master Control Software for Windows® Program
- Allegiant LTC 8850/00 Graphical User Interface Program
- IntuiKey Firmware Upgrade Program (available from the BOSCH Web site at http://www.boschsecurity.com)

6.0 INSTALLATION

6.1 Software Installation

Insert the CD into the PC's CD-ROM drive. If the CD ROM drive is not configured to autorun, open Windows Explorer and navigate to the ICS_Installer.exe. Double click to begin the installation.

6.2 RS-232 Connection

All communication between the IntuiKey Series keyboard and the KBD-SFTCFG is performed through an RS-232 interface.

Connect one end of the RS-232 interface cable to the 9-pin **RS-232 Serial Port** located on the far right side of the rear of the IntuiKey keyboard. Connect the other end of the RS-232 interface cable to a COM port on the PC. The software supports the use of COM1 through COM16.

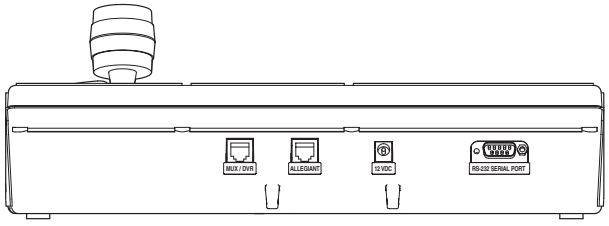


Figure 2 – IntuiKey Keyboard Rear Panel Showing 9-pin RS-232 Interface Connector

If an Allegiant software package (LTC 8059/00 or LTC 8850/00) will be used simultaneously with the KBD-SFTCFG, a second COM port must be available on the PC to interface with the Allegiant system's console port. Refer to the manual provided with the Allegiant software for complete information.

6.3 Keyboard Preparation

First, verify that the keyboard's firmware version is 1.01 or higher. The firmware version is shown on the IntuiKey keyboard's main menu when it is first powered up. If the firmware version precedes version 1.01, a keyboard firmware update is required before it can be used with the KBD-SFTCFG. Update the IntuiKey keyboard's firmware via the IntuiKey Firmware Update Utility, available from the **Software Updates** section of the BOSCH Web site (http://www.boschsecurity.com).

IMPORTANT: Before the IntuiKey keyboard will respond to external RS-232 communication, it must be placed in bootloader mode. This is done by entering the IntuiKey keyboard's Firmware Upgrade menu which is accessed from the Keyboard Control option of the main Product List selection screen. When prompted for the password, press the **1** and **0** numeric keypad buttons simultaneously. The keyboard will then be in bootloader mode.

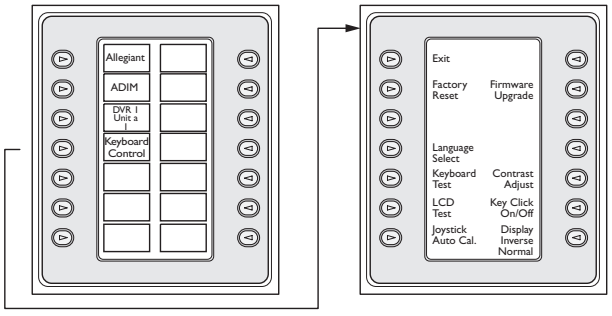


Figure 3 – IntuiKey Keyboard Bootloader Menu Access

In certain circumstances, it may be necessary to enter bootloader mode when the keyboard is in a state where the menu selections are not visible or are otherwise unavailable. In this situation, bootloader mode can be entered directly by simultaneously pressing the **1** and **0** numeric keypad buttons while the power/data cable is attached. *The buttons must be released immediately when the keyboard begins to power up and initialize.* For keyboards with bootloader version 1.01 or higher, skip the next paragraph.

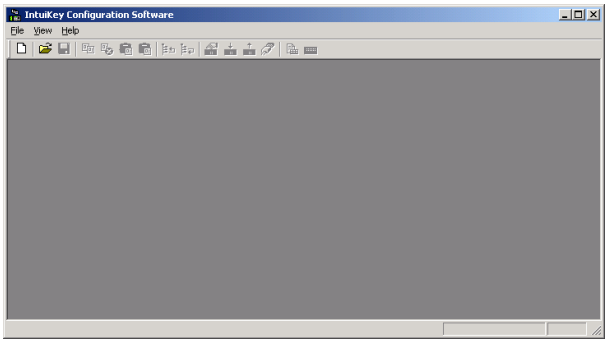
For keyboard bootloader version 1.00 only, you must now press the CLR button, power off/on the keyboard again, allow several seconds for it to boot up to a menu, then power it off/on while pressing the **1** and **0** numeric keypad buttons as the power/data cable is attached. Again, *release the buttons immediately when the keyboard begins to power up and initialize.*

The keyboard will now be able to communicate with the KBD-SFTCFG. If multiple transfers will be made, the keyboard may need to be cleared and the bootloader mode re-entered after each action.

Keyboard models containing Bootloader version 1.05 or later support the ability to download / upload using a faster baud rate of 57600. Once you are in the Bootloader menu, check the lower right section of the larger LCD screen. If you see the option for baud rate selection, press the button to select the faster rate. Your data will transfer three (3) times faster compared to using the default baud rate of 19200.

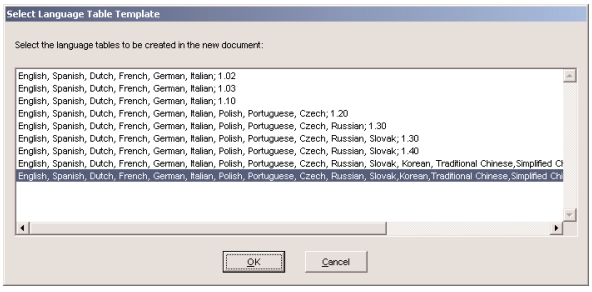
7.0 KBD-SFTCFG STARTUP

To start the KBD-SFTCFG from the Windows® **START** menu, select P**rograms | IntuiKey | IntuiKey Configuration Software.** The KBD-SFTCFG always starts in an empty state; i.e., with no IntuiKey Configuration (.int) files opened for editing:



The KBD-SFTCFG can support a maximum of 16 .int files open at once. Each file contains the following:

- One or more language tables
- An optional path to an Allegiant server (.alg) file
- A selection of a PC COM port (for RS-232 communication with the keyboard)


Select Language Table Template
Select the language tables to be created in the new document:
English, Spanish, Dutch, French, German, Italian; 1.02
English, Spanish, Dutch, French, German, Italian; 1.03
English, Spanish, Dutch, French, German, Italian; 1.10
English, Spanish, Dutch, French, German, Italian, Polish, Portuguese, Czech; 1.20
English, Spanish, Dutch, French, German, Italian, Polish, Portuguese, Czech, Russian; 1.30
English, Spanish, Dutch, French, German, Italian, Polish, Portuguese, Czech, Russian, Slovak; 1.30
English, Spanish, Dutch, French, German, Italian, Polish, Portuguese, Czech, Russian, Slovak; 1.40
English, Spanish, Dutch, French, German, Italian, Polish, Portuguese, Czech, Russian, Slovak, Korean, Traditional Chinese, Simplified Ch
English, Spanish, Dutch, French, German, Italian, Polish, Portuguese, Czech, Russian, Slovak, Korean, Traditional Chinese, Simplified Ch
OK
Cancel

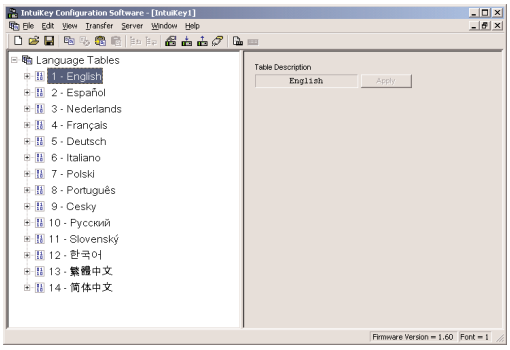
To create a new IntuiKey Configuration (.int) file, select **File | New.** A dialog will appear with a list of options:

The options shown in the list are the various language table templates that can be loaded into the program. For reference purposes, the default templates are named based on the languages they contain. The name also includes a number at the end that corresponds to the compatible version of the IntuiKey firmware. Language tables can only be downloaded into keyboards that contain compatible firmware, so it is important to select the correct template. See *APPENDIX D* for more information.

Whenever a KBD-SFTCFG file is saved, it is recommended that the associated keyboard firmware version be included at the end of its file name. The IntuiKey firmware version number associated with an open configuration document is displayed in the Status Bar. The firmware version number of an IntuiKey keyboard is displayed in its left LCD screen when the device is first powered up.

8.0 KBD-SFTCFG VIEWS

The KBD-SFTCFG's main screen is divided into two views. The left pane contains a tree control that allows a user to index through a set of language tables (and their main subsections). The right pane displays a form that corresponds to the subsection of the currently selected language table.



8.1 Tree Control (Left Pane)

The tree's root node is labeled **Language Tables.** The root node's immediate subnodes (language table nodes) represent the language tables contained in the IntuiKey Configuration (.int) file (e.g.: **1 – English**).

A language table is associated with one of the font tables shown in *APPENDIX A.* The font table number of the currently selected language table is displayed in the program's **Status Bar.**

Each language table node has four immediate subnodes which represent its major subdivisions. They are labeled as follows: **Miscellaneous Strings, Error Messages, User Functions,** and **Softkey Menus.**

The **Softkey Menus** node has several subnodes which represent the language table's softkey menus. Softkey menu nodes have labels that generally describe the collective functionality of their 14 softkeys (e.g., **31 – Camera Functions).**

If a tree node represents a portion of a language table's contents, then selecting it will cause those contents to be displayed in a form in the KBD-SFTCFG's right pane.

8.2 Forms (Right Pane)

The KBD-SFTCFG's right pane contains forms which display portions of a language table's contents organized into groups of edit boxes and buttons. Each group appears directly beneath one or more lines of descriptive text which explains its significance.

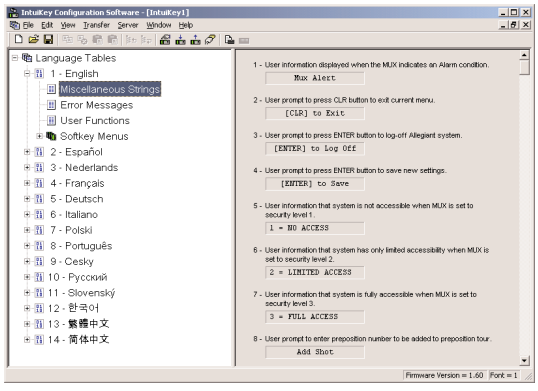
If the language table is not intended to be modified (i.e., read-only), then its forms' buttons and edit boxes will be disabled. **1 - English** is a read-only table and serves as a reference against which other tables can be compared after they have been modified.

8.2.1 Language Table Forms

Language table forms are displayed when a language table node has been selected in the tree control. This form displays the language table's name (**Table Description**) which will appear in the keyboard's **Language Select** softkey menu. More information about customizing language table names is included in a later section.

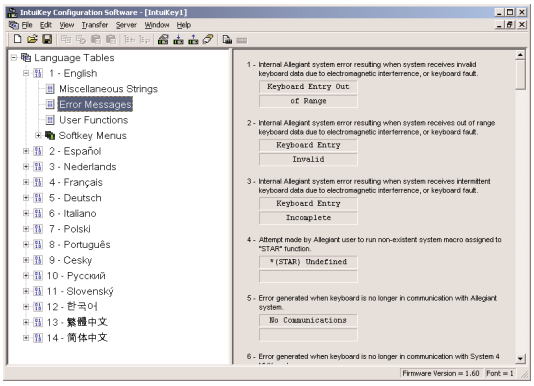
8.2.2 Miscellaneous String Forms

These forms display the language table's miscellaneous strings (**string** is another name for a text message). A keyboard will display these strings on its LCDs at various places and times during operation.


IntuiKey Configuration Software - [IntuiKey1]
Language Tables
1 - English
Miscellaneous Strings
Error Messages
User Functions
Softkey Menus
2 - Español
3 - Nederlands
4 - Français
5 - Deutsch
6 - Italiano
7 - Polski
8 - Português
9 - Cesky
10 - Русский
11 - Slovenský
12 - 한국어
13 - 繁體中文
14 - 简体中文
1 - User information displayed when the MUX indicates an Alarm condition.
Mux Alert
2 - User prompt to press CLR button to exit current menu.
[CLR] to Exit
3 - User prompt to press ENTER button to log-off Allegiant system.
[ENTER] to Log Off
4 - User prompt to press ENTER button to save new settings.
[ENTER] to Save
5 - User information that system is not accessible when MUX is set to security level 1.
1 = NO ACCESS
6 - User information that system has only limited accessibility when MUX is set to security level 2.
2 = LIMITED ACCESS
7 - User information that system is fully accessible when MUX is set to security level 3.
3 = FULL ACCESS
8 - User prompt to enter preposition number to be added to preposition tour.
Add Shot
Firmware Version = 1.60 Font = 1

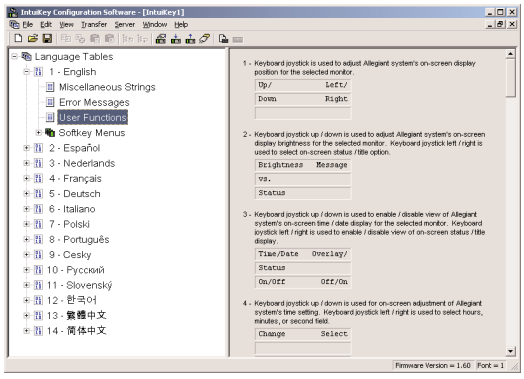
8.2.3 Error Message Forms

These forms display the language table's error messages. A keyboard will display these messages on its LCDs to indicate various types of system and user related errors.


IntuiKey Configuration Software - [IntuiKey1]
Language Tables
1 - English
Miscellaneous Strings
Error Messages
User Functions
Softkey Menus
2 - Español
3 - Nederlands
4 - Français
5 - Deutsch
6 - Italiano
7 - Polski
8 - Português
9 - Cesky
10 - Русский
11 - Slovenský
12 - 한국어
13 - 繁體中文
14 - 简体中文
1 - Internal Allegiant system error resulting when system receives invalid keyboard data due to electromagnetic interference, or keyboard fault.
Keyboard Entry Out of Range
2 - Internal Allegiant system error resulting when system receives out of range keyboard data due to electromagnetic interference, or keyboard fault.
Keyboard Entry Invalid
3 - Internal Allegiant system error resulting when system receives intermittent keyboard data due to electromagnetic interference, or keyboard fault.
Keyboard Entry Incomplete
4 - Attempt made by Allegiant user to run non-existent system macro assigned to "STAR" function.
*(STAR) Undefined
5 - Error generated when keyboard is no longer in communication with Allegiant system.
No Communications
6 - Error generated when keyboard is no longer in communication with System 4
Firmware Version = 1.60 Font = 1

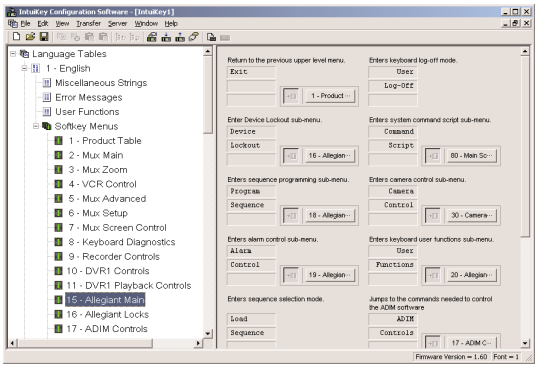
8.2.4 User Function Forms

These forms display the language table's user functions. User functions correspond to various Allegiant system programming features. Refer to the Allegiant manual for complete information.


IntuiKey Configuration Software - [IntuiKey1]
Language Tables
1 - English
Miscellaneous Strings
Error Messages
User Functions
Softkey Menus
2 - Español
3 - Nederlands
4 - Français
5 - Deutsch
6 - Italiano
7 - Polski
8 - Português
9 - Cesky
10 - Русский
11 - Slovenský
12 - 한국어
13 - 繁體中文
14 - 简体中文
1 - Keyboard joystick is used to adjust Allegiant system's on-screen display position for the selected monitor.
Up/ Left/
Down Right
2 - Keyboard joystick up / down is used to adjust Allegiant system's on-screen display brightness for the selected monitor. Keyboard joystick left / right is used to select on-screen status / title option.
Brightness Message
vs.
Status
3 - Keyboard joystick up / down is used to enable / disable view of Allegiant system's on-screen time / date display for the selected monitor. Keyboard joystick left / right is used to enable / disable view of on-screen status / title display.
Time/Date Overlay/
Status
On/Off Off/On
4 - Keyboard joystick up / down is used for on-screen adjustment of Allegiant system's time setting. Keyboard joystick left / right is used to select hours, minutes, or second field.
Change Select
Firmware Version = 1.60 Font = 1

8.2.5 Softkey Menu Forms

These forms display the language table's softkey menus, and appear whenever a subnode of the **Softkey Menus** node has been selected in the tree control.



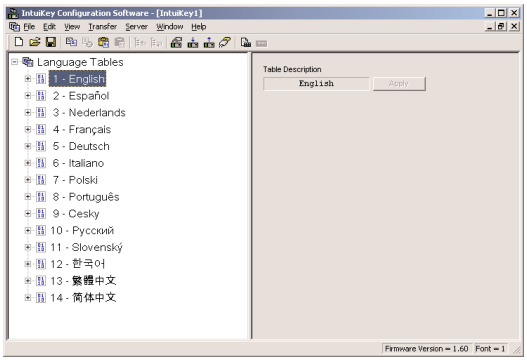
Softkey menu form 1 (**1–Product Table**) represents the language table's **Product Table** softkey menu which lists all of the devices a keyboard can control. This menu is displayed by a keyboard when its **Prod** keypad button has been pressed.

Softkey menu forms 2–79 represent the bulk of the language table's menus (NOTE: several menu forms from 2–79 are not populated). These are used to control features of one or more of the products listed in the language table's Product Table.

Softkey menu forms 80 and 83–94 are used to configure softkeys so that keyboards can activate (CCL) Command Script macros on Allegiant matrix switcher/controller systems. More information about configuring a language table's softkeys to activate Command Script macros is covered in a later section.

9.0 KBD-SFTCFG MENUS

Once an IntuiKey Configuration (.int) file has been opened, the KBD-SFTCFG's menu displays its complete set of options. Some menu options also appear as toolbar buttons.



9.1 File Menu

- **New** – Creates a new .int file

  Toolbar button:

- **Open** – Opens an .int file

  Toolbar button:

- **Close** – Closes the currently active .int file
- **Save** – Saves the currently active .int file

  Toolbar button:

- **Save As...** – Prompts for a new file name prior to saving the .int file
- **<Recent Files>** – Shows a list of previously edited files. If no files have ever been edited, this field will display the text **Recent Files**
- **Properties** – Displays a dialog which contains information about the currently active .int file
- **Exit** – Shuts down the KBD-SFTCFG

9.2 Edit Menu

- **Copy Language Table** (this command is only available when a language table node has been selected in the tree control) – duplicates the language table and inserts the copy at the bottom of the tree control.

  Toolbar button:

- **Delete Language Table** (this command is only available when a language table node has been selected in the tree control) – deletes the language table.

  NOTE: language tables that are not intended to be modified (i.e., read-only) cannot be deleted.

  Toolbar button:

- **Copy Language Table to Clipboard** (this command is only available when a language table node has been selected in the tree control) – copies the language table to the Clipboard. This command is provided so that language tables can be copied between 2 .int files.

  Toolbar button:

- **Paste Language Table from Clipboard as New** (only available when a language table has been copied to the Clipboard) – copies the language table from the Clipboard and inserts it at the bottom of the tree control.

  Toolbar button:

9.3 View Menu

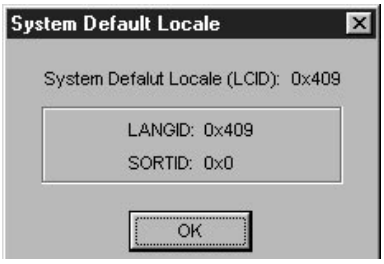
- **Move Language Table Up in Tree** – moves a language table node upwards in the tree control

  Toolbar button:

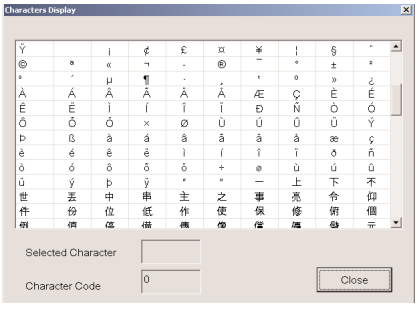
- **Move Language Table Down in Tree** – moves a language table downwards in the tree control

  Toolbar button:

- **System Default Locale...** displays Windows®'s default locale information. It is only necessary to access this information if requested by Technical Support personnel



- **Shows Characters Used** - opens a window that displays the available characters in the font table associated with the selected language.



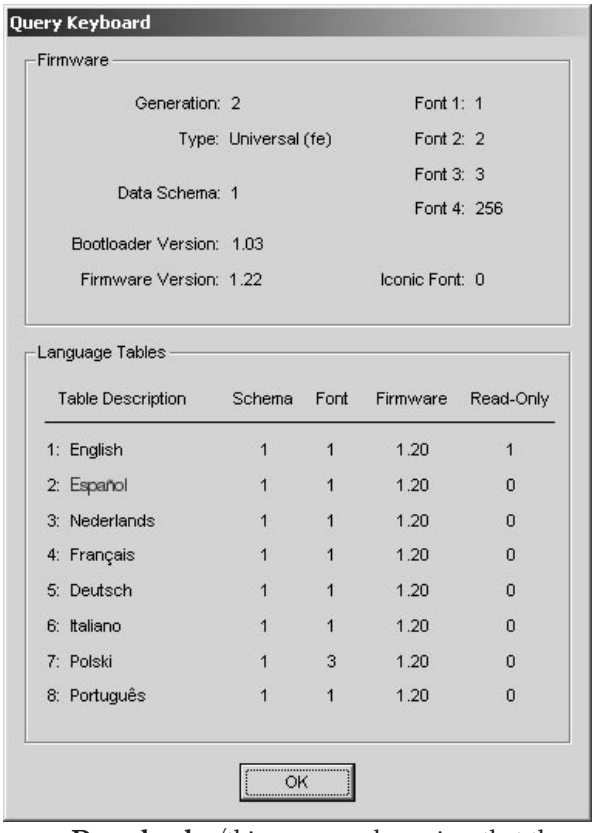
9.4 Transfer Menu

These options are used when communicating with IntuiKey keyboards. Please note that two versions of keyboard hardware exist. Older versions manufactured before August of 2002 support six language tables and newer versions support eight language tables. If you attempt to upload or download eight tables into an older type keyboard, an appropriate error message will result.

NOTE: the keyboard must be in **bootloader** mode before these options can be performed (see *Keyboard Preparation* section).

- **Query Keyboard...** (this command requires that the keyboard be in bootloader mode – see **Keyboard Preparation** section) – queries the keyboard for its current configuration data. Most of this information will only be needed when requested by Technical Support personnel.

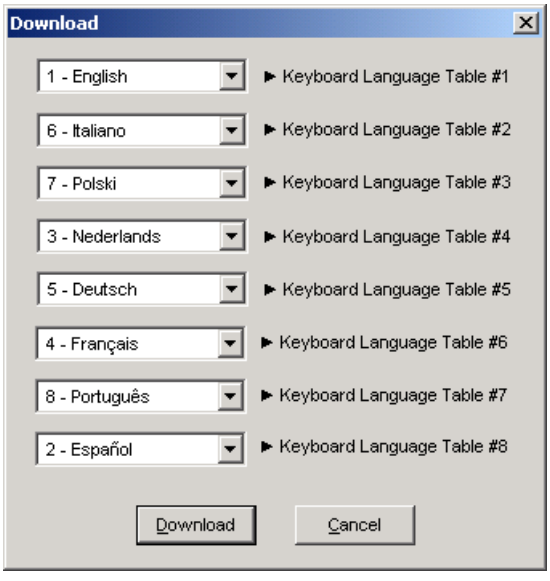
  Toolbar button:



- **Download...** (this command requires that the keyboard be in **bootloader** mode – see **Keyboard Preparation** section) – invokes the **Download** dialog which allows language tables to be transferred from the currently active IntuiKey Configuration (.int) file to the keyboard.

  Toolbar button:

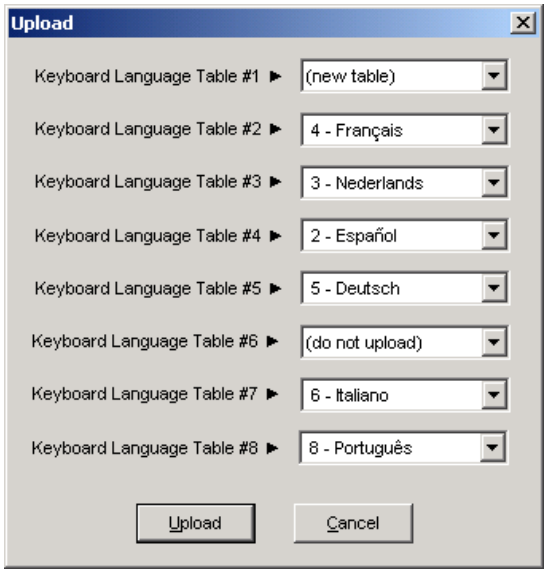
The language tables will be transferred when the **Download** button is clicked. During the transfer, another dialog will display the progress of the operation.


Download
1 - English ▶ Keyboard Language Table #1
6 - Italiano ▶ Keyboard Language Table #2
7 - Polski ▶ Keyboard Language Table #3
3 - Nederlands ▶ Keyboard Language Table #4
5 - Deutsch ▶ Keyboard Language Table #5
4 - Français ▶ Keyboard Language Table #6
8 - Português ▶ Keyboard Language Table #7
2 - Español ▶ Keyboard Language Table #8
Download
Cancel

- **Upload...** (this command requires that the keyboard be in **bootloader** mode – see **Keyboard Preparation** section) – invokes the **Upload** dialog which allows language tables to be transferred from the keyboard to new or existing language tables in the currently active IntuiKey Configuration (.int) file.

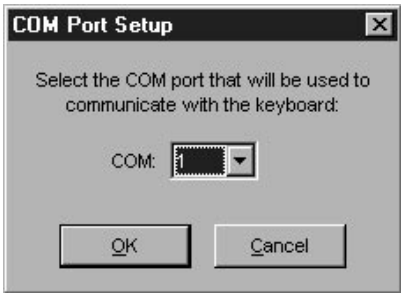
  Toolbar button:

The language tables will be transferred when the **Upload** button is clicked. During the transfer, another dialog will display the progress of the operation.



- **Configure COM Port...** invokes a dialog for selecting a PC COM port that will be used to communicate with an IntuiKey keyboard. Selections are limited to COM1 through COM16.

  Toolbar button:



9.5 Server Menu

- **Set Allegiant Server Document Association...** (either the Allegiant LTC 8059/00 Master Control Software for Windows® or the LTC 8850/00 Allegiant GUI software must be installed on the PC for this option to be enabled) – opens a dialog which allows an Allegiant server (.alg) pathname to be stored in conjunction with the currently active IntuiKey Configuration (.int) file. When configuring keyboard softkeys to execute Allegiant Command Scripts, this feature allows a user to easily refer to the corresponding macros that have been programmed in the Allegiant's software configuration program.

  Toolbar button:

- **Launch Allegiant Server** (either the Allegiant LTC 8059/00 Master Control Software for Windows® or the LTC 8850/00 Allegiant GUI software must be installed on the PC for this option to be enabled) – launches the Allegiant server (.alg) file specified in the **Server | Set Allegiant Server Document Association...** option.

  Toolbar button:

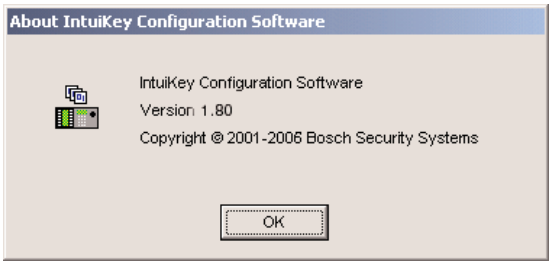
If the .alg file is available, the BOSCH GUI Allegiant Server dialog will appear. If intending to make changes to the .alg file's Command Script macros, a user must log in with an **installer** level profile. The default installer profile has the user name **Installer** and password **1**. Refer to the Allegiant server software manual for additional information.

9.6 Window Menu

- **Cascade** – arranges multiple .int files in an overlapped fashion
- **Tile** – arranges multiple .int files in a nonoverlapping fashion. Some overlap may occur if the main window is too small for a completely nonoverlapped display
- **Arrange Icons** – arranges minimized (iconified) .int files in a nonoverlapping fashion

9.7 Help Menu

- **About...** displays version/copyright information for the KBD-SFTCFG



10.0 USING THE KBD-SFTCFG

In general, the KBD-SFTCFG (IntuiKey Configuration Software) allows users to achieve the following:

- Customize the text of softkey menu buttons and diagnostic messages. This can range from making a few minor changes, to translating the entire language table.
- Configure softkeys so that keyboards can activate (CCL) Command Script macros on Allegiant matrix switcher/controller systems.

The subsections that follow explain how these and related tasks can be performed.

10.1 Why the "1 – English Language" Table Cannot be Modified

The language table **"1 – English"** serves as a reference point against which all other language tables are compared. It ensures that no matter how dramatically other language tables are customized, a **default** configuration will always be available on the keyboard.

"1 – English" is the only language table that can be downloaded to a keyboard's first language table slot. It is also the only language table that cannot be overwritten during an upload operation.

Users who wish to work with the **"1 – English"** language table's data must do so by creating a copy of it and then modifying the copy.

10.2 Editing Text

Any language table text that can be customized will appear in an edit box in one of the language table's form views. Only characters listed in the font table (as displayed in the program's **Status Bar**) associated with the current language table can be used. (See *APPENDIX A* for the keyboard's font tables.)

The following should be considered when editing text:

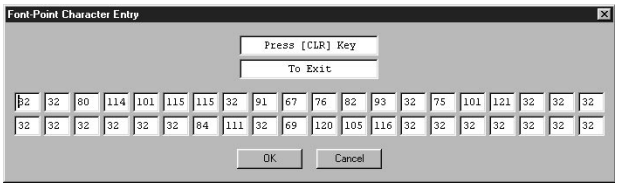
10.2.1 Text Alignment

The alignment of text is significant, because it determines how that text will be displayed on a keyboard's LCDs. When text is customized, it is recommended that the original alignment be preserved to ensure consistency with other text fields being displayed.

10.2.2 Inputting Font Characters by their Numeric Codepoints

Because generating some of the keyboard font's characters may be difficult with a standard PC keyboard, the KBD-STFCFG allows text to be edited by inputting the characters' numbers (known as codepoints or font-points) instead (see *APPENDIX A* for a listing of fonts/codepoints). This is done using the **Font-Point Character Entry** dialog box.

When text is being modified in an edit box, the **Font-Point** dialog can be opened by holding down the **Shift** key and right-clicking the edit box **or** right-clicking the edit box and selecting **Codepoints...** from its context menu. If the edit box is a member of a group of edit boxes, the text from all of the edit boxes will appear in the **Font-Point** dialog.



It is possible to enter characters into a text field from the language's font table. Open the font table window by selecting the **Show Characters Used** option found in the **View** menu item. Position the cursor to the desired position in the text field to be edited. Find the desired character in the font table and double click on it. The character will immediately be inserted into the text field.

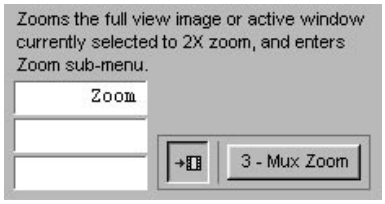
10.3 Changing a Language Table's Name

A language table's name is customized by selecting a language table node in the tree control and modifying the language table form's **Table Description** text. The tree control will display the new name when either the **Apply** button is clicked or a new tree node is selected.

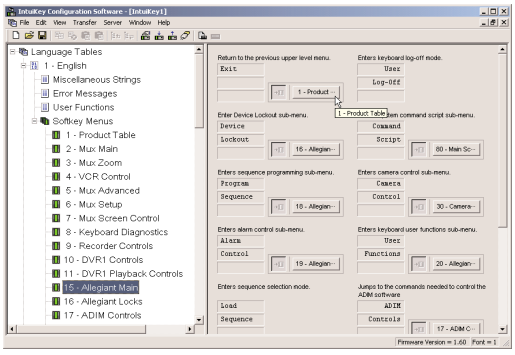
Language table names are displayed in the keyboard's **Language Select** softkey menu. It is recommended that language tables be given unique names to avoid confusion when selections are made from the **Language Select** menu.

10.4 Link Buttons

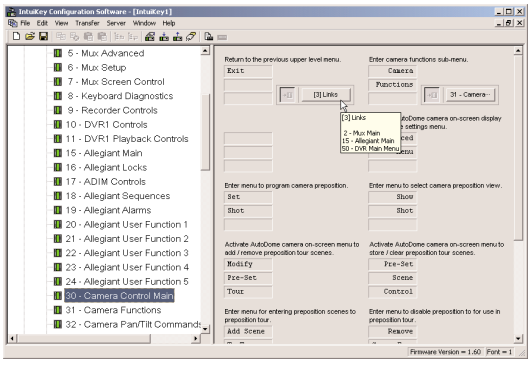
Pressing certain softkeys will cause the keyboard to display (**link to**) another softkey menu. In KBD-SFTCFG menu forms, all softkeys that do this will have a link button next to them. The link button's label will contain the name of the menu to which it links. Clicking a link button causes the tree control to automatically select the target menu (and thus display the target menu's form). Link buttons provide a means to traverse a language table's softkey menus just as they would be traversed when using a keyboard (see *APPENDIX A* of the **IntuiKey Keyboard Manual** for a complete graph of the keyboard's menu structure).



Most link button's labels are abbreviated because the button is too narrow to display the entire name of the menu to which they link. However, if the mouse pointer hovers over such a link button, a small **tool-tip** window with the entire name will appear nearby.



Sometimes a link button will **link** to more than one softkey menu. In this case, its button text is formatted as **[#] – Links** where **#** represents the total number of menus to which it links. Clicking such a link button invokes a dialog which contains one link button per every possible target menu. The button's **tool-tip** will also display the complete list of target softkey menus.



10.5 Configuring Softkeys to Execute (CCL) Command Script Macros

The KBD-SFTCFG allows users to configure softkeys on menus 80 and 83–94 to activate (CCL) Command Scripts on Allegiant matrix switcher/controller systems.

These menus are organized so that 83–94 must be accessed through 80. The softkeys on 80 can be configured as either a Command Script **or** a link to a predetermined menu (83–94).

10.5.1 Assigning Macros

Any softkey on menus 80 and 83–94 can be assigned to execute a Command Script macro if it has a macro button. Clicking the macro button so that it's in its **down** state will allow the user to enter a 6-digit (**normal**) macro in the accompanying edit box.

The softkey can also be configured as a 2-digit **offset macro** by clicking the small keypad button so that it is in its **down** state. When offset macros are executed on the keyboard, the user is expected to enter an additional 4-digit number to **complete** the macro.

By selecting the camera icon button, it is possible to configure an **offset macro** such that the camera number currently selected by the keyboard automatically completes the macro. Using this option, the operator no longer needs to enter an additional 4-digit number after pressing the softkey macro button.

In a similar fashion, if the monitor icon button is selected, the monitor number currently selected by the keyboard automatically completes the macro.

See *APPENDIX C* for more information on Command Script macros.

Refer to the **Allegiant PC Software Manual** and the **Allegiant Command Console Language (CCL) Manual** for more information on writing Command Script macros.

10.5.2 Organizing IntuiKey Configuration (.int) Files per Allegiant Server (.alg) Files

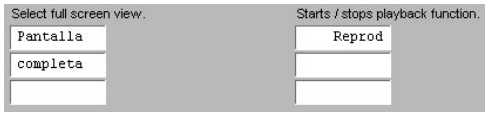
If the optional Allegiant software is installed on the PC, each IntuiKey Configuration (.int) file, which may contain several language tables, can be associated with a single Allegiant Server (.alg) filename. This is done so the user configuring softkeys to execute Command Script macros can quickly refer back to the Allegiant Server (.alg) file containing those Command Scripts.

Since only one Allegiant Server (.alg) filename can be stored in an IntuiKey Configuration (.int) file, it is recommended that Command Script macro assignments to softkeys across all language tables in the .int file be limited to those appearing in the .alg file. Organizing .int files (collections of language tables) in this way will prevent confusion after several .int files are eventually created.

10.6 Uploading Language Tables

When a language table is uploaded from a keyboard, it can either be uploaded into a new language table (which is added to the bottom of the tree control) or uploaded into an existing language table.

When a keyboard language table is uploaded into a new table, all of the descriptive text in its form views will appear in English. e.g., if a Spanish language table is uploaded as a new table, its Spanish text will be described with English captions.



When a keyboard language table is uploaded into an existing table, the existing table's descriptive text remains unchanged.

APPENDIX A – Intuikey Font Tables

Keyboard Font Table 1 - English, Spanish, Dutch, French, German, Italian, Portuguese

The number appearing below each character is its codepoint.

SPACE	!	"	#	$	%	&	'	(	)	*	+	,	-	.	/
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
0	1	2	3	4	5	6	7	8	9	:	;	←	=	→	?
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	↑	_
80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	
112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
€		‚	ƒ	„	…	†	‡	ˆ	‰	Š	‹	Œ		Ž	
128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
	‘	’	“	”	•	–	—	˜	™	š	›	œ		ž	Ÿ
144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
	¡	¢	£	¤	¥	¦	§	¨	©	ª	«	¬	_	®	¯
160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
°	±	²	³	´	µ	¶	·	¸	¹	º	»				¿
176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191
À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207
Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß
208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223
à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ
240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255

Keyboard Font Table 2 - Cyrillic

The number appearing below each character is its codepoint.

space	!	"	#	$	%	&	'	(	)	*	+	,	-	.	/
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
0	1	2	3	4	5	6	7	8	9	:	;	←	=	→	?
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	↑	_
80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	
112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
Ђ	Ѓ	‚	ѓ	„	…	†	‡	€	‰	Љ	‹	Њ	Ќ	Ћ	Џ
128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
ђ	‘	’	“	”	•	–	—		™	љ	›	њ	ќ	ћ	џ
144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
	Ў	ў	Ј	¤	Ґ	¦	§	Ё	©	Є	«	¬	-	®	Ї
160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
°	±	І	і	ґ	µ	¶	·	ё	№	є	»	j	S	s	ї
176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191
А	Б	В	Г	Д	Е	Ж	З	И	Й	К	Л	М	Н	О	П
192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207
Р	С	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы	Ь	Э	Ю	Я
208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223
а	б	в	г	д	е	ж	з	и	й	к	л	м	н	о	п
224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
р	с	т	у	ф	х	ц	ч	ш	щ	ъ	ы	ь	э	ю	я
240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255

Keyboard Font Table 3 - Polish, Czech, Slovak

The number appearing below each character is its codepoint.

space	!	"	#	$	%	&	'	(	)	*	+	,	-	.	/
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
0	1	2	3	4	5	6	7	8	9	:	;	←	=	→	?
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	↑	_
80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
‘	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	
112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
€		‚		„	…	†	‡		‰	Š	‹	Ś	Ť	Ž	Ź
128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
	‘	’	“	”	•	–	—		™	š	›	ś	t’	ž	ź
144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
	ˇ	˘	Ł	¤	Ą	¦	§	¨	©	Ş	«	¬	-	®	Ż
160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
°	±	˛	ł	´	µ	¶	·	¸	ą	ş	»	Ľ	˝	ľ	ż
176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191
Ŕ	Á	Â	Ă	Ä	Ĺ	Ć	Ç	Č	É	Ę	Ë	Ě	Í	Î	Ď
192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207
Đ	Ń	Ň	Ó	Ô	Ő	Ö	×	Ř	Ů	Ú	Ű	Ü	Ý	Ţ	ß
208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223
ŕ	á	â	ă	ä	Í	ć	ç	č	é	ę	ë	ě	í	î	d’
224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
đ	ń	ň	ó	ô	ő	ö	÷	ř	ů	ú	ű	ü	ý	ţ	˙
240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255

Keyboard Font Table 4 - Simplified Chinese, Traditional Chinese, Korean

Hex	Dec	Char
0100	256	가
0101	257	각
0102	258	간
0103	259	감
0104	260	값
0105	261	개
0106	262	거
0107	263	검
0108	264	것
0109	265	격
010A	266	결
010B	267	겹
010C	268	경
010D	269	계
010E	270	고
010F	271	공
0110	272	과
0111	273	관
0112	274	광
0113	275	교
0114	276	구
0115	277	국
0116	278	권
0117	279	귀
0118	280	균
0119	281	그
011A	282	극
011B	283	근
011C	284	금
011D	285	급
011E	286	기
011F	287	까
0120	288	꺼
0121	289	끝
0122	290	나
0123	291	날
0124	292	내
0125	293	녹
0126	294	누
0127	295	뉴

Hex	Dec	Char
0128	296	능
0129	297	니
012A	298	다
012B	299	단
012C	300	달
012D	301	당
012E	302	대
012F	303	덤
0130	304	데
0131	305	도
0132	306	돌
0133	307	돔
0134	308	동
0135	309	되
0136	310	됨
0137	311	두
0138	312	드
0139	313	득
013A	314	든
013B	315	등
013C	316	디
013D	317	딤
013E	318	떨
013F	319	라
0140	320	락
0141	321	람
0142	322	래
0143	323	랜
0144	324	램
0145	325	러
0146	326	레
0147	327	렉
0148	328	렌
0149	329	력
014A	330	령
014B	331	로
014C	332	록
014D	333	료
014E	334	룹
014F	335	류

Hex	Dec	Char
0150	336	른
0151	337	름
0152	338	리
0153	339	릭
0154	340	린
0155	341	림
0156	342	립
0157	343	마
0158	344	말
0159	345	매
015A	346	먹
015B	347	멀
015C	348	멈
015D	349	메
015E	350	면
015F	351	명
0160	352	모
0161	353	목
0162	354	무
0163	355	문
0164	356	미
0165	357	밀
0166	358	바
0167	359	반
0168	360	밝
0169	361	방
016A	362	배
016B	363	백
016C	364	버
016D	365	번
016E	366	범
016F	367	벤
0170	368	벨
0171	369	변
0172	370	별
0173	371	보
0174	372	복
0175	373	본
0176	374	봇
0177	375	부

Hex	Dec	Char
0178	376	분
0179	377	불
017A	378	브
017B	379	블
017C	380	비
017D	381	빠
017E	382	빨
017F	383	사
0180	384	삭
0181	385	삽
0182	386	상
0183	387	새
0184	388	색
0185	389	생
0186	390	서
0187	391	선
0188	392	설
0189	393	성
018A	394	세
018B	395	셋
018C	396	셔
018D	397	션
018E	398	소
018F	399	속
0190	400	솔
0191	401	송
0192	402	수
0193	403	순
0194	404	쉬
0195	405	스
0196	406	시
0197	407	식
0198	408	신
0199	409	실
019A	410	십
019B	411	싱
019C	412	씬
019D	413	아
019E	414	안
019F	415	알

Hex	Dec	Char
01A0	416	앞
01A1	417	애
01A2	418	액
01A3	419	앨
01A4	420	야
01A5	421	어
01A6	422	언
01A7	423	얼
01A8	424	업
01A9	425	없
01AA	426	에
01AB	427	엔
01AC	428	엘
01AD	429	역
01AE	430	연
01AF	431	영
01B0	432	오
01B1	433	옥
01B2	434	온
01B3	435	옴
01B4	436	옵
01B5	437	완
01B6	438	외
01B7	439	왼
01B8	440	요
01B9	441	용
01BA	442	우
01BB	443	움
01BC	444	원
01BD	445	웨
01BE	446	위
01BF	447	율
01C0	448	으
01C1	449	음
01C2	450	응
01C3	451	의
01C4	452	이
01C5	453	인
01C6	454	일
01C7	455	임

Hex	Dec	Char
01C8	456	입
01C9	457	잇
01CA	458	자
01CB	459	작
01CC	460	잠
01CD	461	장
01CE	462	재
01CF	463	저
01D0	464	적
01D1	465	전
01D2	466	절
01D3	467	점
01D4	468	접
01D5	469	정
01D6	470	제
01D7	471	조
01D8	472	종
01D9	473	좌
01DA	474	주
01DB	475	중
01DC	476	즈
01DD	477	증
01DE	478	지
01DF	479	직
01E0	480	진
01E1	481	짐
01E2	482	짜
01E3	483	쪽
01E4	484	처
01E5	485	청
01E6	486	체
01E7	487	초
01E8	488	최
01E9	489	추
01EA	490	출
01EB	491	춤
01EC	492	충
01ED	493	취
01EE	494	측
01EF	495	치

Hex	Dec	Char
01F0	496	침
01F1	497	카
01F2	498	케
01F3	499	켜
01F4	500	코
01F5	501	콘
01F6	502	콜
01F7	503	퀀
01F8	504	큐
01F9	505	크
01FA	506	키
01FB	507	킹
01FC	508	타
01FD	509	탈
01FE	510	태
01FF	511	택
0200	512	터
0201	513	털
0202	514	테
0203	515	템
0204	516	텝
0205	517	토
0206	518	통
0207	519	투
0208	520	트
0209	521	튼
020A	522	티
020B	523	틱
020C	524	틸
020D	525	팅
020E	526	팟
020F	527	팬
0210	528	펌
0211	529	평
0212	530	포
0213	531	표
0214	532	품
0215	533	프
0216	534	플
0217	535	피

Hex	Dec	Char
0218	536	필
0219	537	하
021A	538	한
021B	539	할
021C	540	합
021D	541	해
021E	542	행
021F	543	향
0220	544	허
0221	545	현
0222	546	형
0223	547	호
0224	548	화
0225	549	확
0226	550	환
0227	551	활
0228	552	황
0229	553	회
022A	554	효
022B	555	휴
022C	556	“
022D	557	”
022E	558	一
022F	559	上
0230	560	下
0231	561	不
0232	562	世
0233	563	丢
0234	564	丢
0235	565	个
0236	566	中
0237	567	串
0238	568	主
0239	569	之
023A	570	事
023B	571	于
023C	572	产
023D	573	亮
023E	574	令
023F	575	仰

Hex	Dec	Char
0240	576	件
0241	577	份
0242	578	优
0243	579	位
0244	580	低
0245	581	体
0246	582	作
0247	583	使
0248	584	保
0249	585	修
024A	586	俯
024B	587	個
024C	588	倒
024D	589	值
024E	590	停
024F	591	偿
0250	592	備
0251	593	储
0252	594	傳
0253	595	像
0254	596	償
0255	597	優
0256	598	儲
0257	599	元
0258	600	先
0259	601	光
025A	602	入
025B	603	內
025C	604	全
025D	605	关
025E	606	兼
025F	607	内
0260	608	冗
0261	609	冲
0262	610	况
0263	611	冻
0264	612	准
0265	613	凍
0266	614	减
0267	615	出

Hex	Dec	Char
0268	616	击
0269	617	分
026A	618	切
026B	619	列
026C	620	创
026D	621	删
026E	622	别
026F	623	刪
0270	624	别
0271	625	到
0272	626	制
0273	627	前
0274	628	創
0275	629	功
0276	630	加
0277	631	动
0278	632	助
0279	633	動
027A	634	勿
027B	635	化
027C	636	区
027D	637	區
027E	638	升
027F	639	协
0280	640	協
0281	641	单
0282	642	博
0283	643	印
0284	644	厂
0285	645	原
0286	646	去
0287	647	参
0288	648	參
0289	649	叉
028A	650	反
028B	651	发
028C	652	取
028D	653	受
028E	654	变
028F	655	叠

Hex	Dec	Char
0290	656	口
0291	657	可
0292	658	台
0293	659	右
0294	660	号
0295	661	同
0296	662	名
0297	663	向
0298	664	吗
0299	665	否
029A	666	启
029B	667	命
029C	668	和
029D	669	品
029E	670	响
029F	671	問
02A0	672	啟
02A1	673	單
02A2	674	嗎
02A3	675	器
02A4	676	四
02A5	677	回
02A6	678	固
02A7	679	图
02A8	680	圈
02A9	681	圖
02AA	682	在
02AB	683	地
02AC	684	场
02AD	685	址
02AE	686	均
02AF	687	垂
02B0	688	域
02B1	689	埠
02B2	690	執
02B3	691	基
02B4	692	堆
02B5	693	報
02B6	694	場
02B7	695	增

Hex	Dec	Char
02B8	696	处
02B9	697	备
02BA	698	复
02BB	699	外
02BC	700	多
02BD	701	夜
02BE	702	失
02BF	703	头
02C0	704	始
02C1	705	子
02C2	706	字
02C3	707	存
02C4	708	安
02C5	709	完
02C6	710	定
02C7	711	实
02C8	712	室
02C9	713	容
02CA	714	實
02CB	715	对
02CC	716	寻
02CD	717	导
02CE	718	尋
02CF	719	對
02D0	720	導
02D1	721	屏
02D2	722	巡
02D3	723	工
02D4	724	左
02D5	725	已
02D6	726	带
02D7	727	帧
02D8	728	帮
02D9	729	帶
02DA	730	常
02DB	731	幀
02DC	732	幕
02DD	733	幫
02DE	734	干
02DF	735	平

Hex	Dec	Char
02E0	736	幹
02E1	737	序
02E2	738	应
02E3	739	度
02E4	740	廠
02E5	741	开
02E6	742	式
02E7	743	引
02E8	744	当
02E9	745	录
02EA	746	影
02EB	747	待
02EC	748	快
02ED	749	态
02EE	750	性
02EF	751	总
02F0	752	息
02F1	753	態
02F2	754	應
02F3	755	成
02F4	756	戶
02F5	757	户
02F6	758	所
02F7	759	手
02F8	760	打
02F9	761	执
02FA	762	扫
02FB	763	找
02FC	764	抖
02FD	765	护
02FE	766	报
02FF	767	拍
0300	768	拒
0301	769	拨
0302	770	择
0303	771	持
0304	772	指
0305	773	按
0306	774	振
0307	775	换

Hex	Dec	Char
0308	776	据
0309	777	捷
030A	778	掃
030B	779	接
030C	780	控
030D	781	掩
030E	782	描
030F	783	提
0310	784	插
0311	785	換
0312	786	握
0313	787	搖
0314	788	搜
0315	789	摄
0316	790	摆
0317	791	摇
0318	792	撤
0319	793	撥
031A	794	播
031B	795	擇
031C	796	擊
031D	797	操
031E	798	據
031F	799	擺
0320	800	攝
0321	801	收
0322	802	改
0323	803	放
0324	804	效
0325	805	数
0326	806	敲
0327	807	整
0328	808	數
0329	809	文
032A	810	料
032B	811	新
032C	812	於
032D	813	旋
032E	814	无
032F	815	日

Hex	Dec	Char
0330	816	时
0331	817	显
0332	818	時
0333	819	晃
0334	820	景
0335	821	晶
0336	822	暂
0337	823	暫
0338	824	更
0339	825	最
033A	826	有
033B	827	期
033C	828	未
033D	829	本
033E	830	机
033F	831	杂
0340	832	权
0341	833	杆
0342	834	材
0343	835	束
0344	836	极
0345	837	枢
0346	838	柜
0347	839	校
0348	840	格
0349	841	档
034A	842	極
034B	843	樞
034C	844	模
034D	845	機
034E	846	檔
034F	847	櫃
0350	848	權
0351	849	止
0352	850	正
0353	851	步
0354	852	武
0355	853	比
0356	854	求
0357	855	池

Hex	Dec	Char
0358	856	沒
0359	857	没
035A	858	況
035B	859	法
035C	860	波
035D	861	活
035E	862	测
035F	863	消
0360	864	清
0361	865	減
0362	866	測
0363	867	準
0364	868	滤
0365	869	激
0366	870	濾
0367	871	点
0368	872	無
0369	873	焦
036A	874	版
036B	875	特
036C	876	状
036D	877	狀
036E	878	率
036F	879	现
0370	880	現
0371	881	球
0372	882	理
0373	883	生
0374	884	產
0375	885	用
0376	886	电
0377	887	画
0378	888	界
0379	889	畫
037A	890	當
037B	891	疊
037C	892	登
037D	893	發
037E	894	白
037F	895	益

Hex	Dec	Char
0380	896	监
0381	897	盘
0382	898	監
0383	899	盤
0384	900	直
0385	901	省
0386	902	瞬
0387	903	矩
0388	904	短
0389	905	码
038A	906	硬
038B	907	确
038C	908	確
038D	909	碼
038E	910	示
038F	911	禁
0390	912	移
0391	913	程
0392	914	稳
0393	915	穩
0394	916	空
0395	917	突
0396	918	端
0397	919	简
0398	920	算
0399	921	管
039A	922	类
039B	923	系
039C	924	紅
039D	925	級
039E	926	索
039F	927	組
03A0	928	結
03A1	929	統
03A2	930	線
03A3	931	編
03A4	932	總
03A5	933	繁
03A6	934	繼
03A7	935	續

Hex	Dec	Char
03A8	936	纜
03A9	937	红
03AA	938	级
03AB	939	线
03AC	940	组
03AD	941	结
03AE	942	统
03AF	943	继
03B0	944	续
03B1	945	缆
03B2	946	编
03B3	947	缺
03B4	948	置
03B5	949	聚
03B6	950	能
03B7	951	脚
03B8	952	腳
03B9	953	自
03BA	954	至
03BB	955	色
03BC	956	菜
03BD	957	落
03BE	958	蓝
03BF	959	蔽
03C0	960	藍
03C1	961	處
03C2	962	號
03C3	963	行
03C4	964	衝
03C5	965	衡
03C6	966	补
03C7	967	表
03C8	968	被
03C9	969	装
03CA	970	補
03CB	971	裝
03CC	972	複
03CD	973	見
03CE	974	規
03CF	975	視

Hex	Dec	Char
03D0	976	覺
03D1	977	见
03D2	978	规
03D3	979	视
03D4	980	觉
03D5	981	解
03D6	982	言
03D7	983	計
03D8	984	訊
03D9	985	記
03DA	986	訪
03DB	987	設
03DC	988	許
03DD	989	試
03DE	990	認
03DF	991	語
03E0	992	誤
03E1	993	調
03E2	994	請
03E3	995	警
03E4	996	護
03E5	997	變
03E6	998	计
03E7	999	认
03E8	1000	议
03E9	1001	讯

Hex	Dec	Char
03EA	1002	记
03EB	1003	设
03EC	1004	访
03ED	1005	试
03EE	1006	语
03EF	1007	误
03F0	1008	请
03F1	1009	调
03F2	1010	象
03F3	1011	負
03F4	1012	資
03F5	1013	负
03F6	1014	资
03F7	1015	走
03F8	1016	路
03F9	1017	身
03FA	1018	軟
03FB	1019	軸
03FC	1020	載
03FD	1021	輔
03FE	1022	輸
03FF	1023	轉
0400	1024	转
0401	1025	软
0402	1026	轴
0403	1027	载

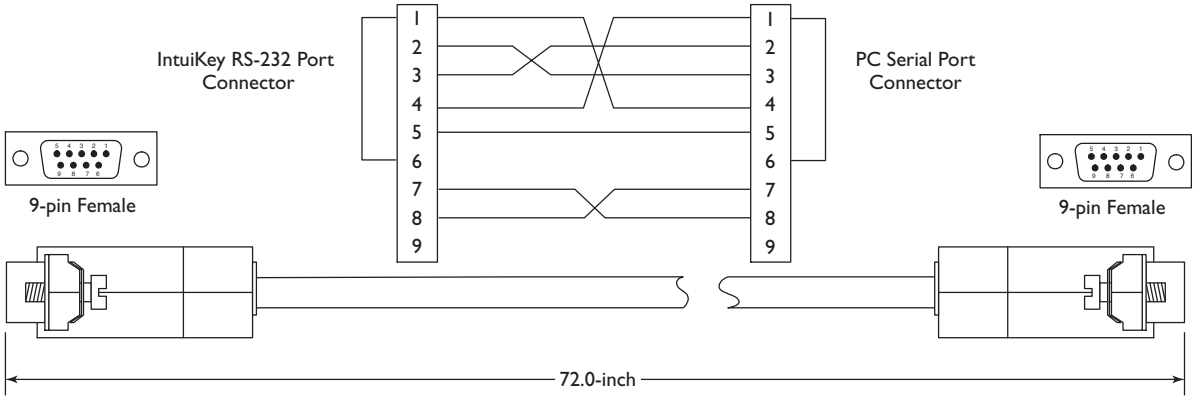
Hex	Dec	Char
0404	1028	辅
0405	1029	输
0406	1030	达
0407	1031	运
0408	1032	返
0409	1033	进
040A	1034	远
040B	1035	连
040C	1036	迭
040D	1037	退
040E	1038	适
040F	1039	逆
0410	1040	选
0411	1041	递
0412	1042	通
0413	1043	速
0414	1044	連
0415	1045	進
0416	1046	逻
0417	1047	運
0418	1048	達
0419	1049	遙
041A	1050	遞
041B	1051	遠
041C	1052	遥
041D	1053	適

Hex	Dec	Char
041E	1054	選
041F	1055	邏
0420	1056	部
0421	1057	配
0422	1058	重
0423	1059	鋭
0424	1060	錄
0425	1061	錯
0426	1062	鍵
0427	1063	鎖
0428	1064	鏡
0429	1065	锁
042A	1066	锐
042B	1067	错
042C	1068	键
042D	1069	镜
042E	1070	長
042F	1071	长
0430	1072	門
0431	1073	閉
0432	1074	開
0433	1075	間
0434	1076	關
0435	1077	门
0436	1078	闭
0437	1079	问

Hex	Dec	Char
0438	1080	间
0439	1081	阵
043A	1082	降
043B	1083	限
043C	1084	陣
043D	1085	除
043E	1086	随
043F	1087	隨
0440	1088	集
0441	1089	雜
0442	1090	電
0443	1091	面
0444	1092	音
0445	1093	響
0446	1094	項
0447	1095	順
0448	1096	須
0449	1097	預
044A	1098	頭
044B	1099	頻
044C	1100	類
044D	1101	顫
044E	1102	顯
044F	1103	项
0450	1104	顺
0451	1105	须

Hex	Dec	Char
0452	1106	预
0453	1107	频
0454	1108	颤
0455	1109	馬
0456	1110	驅
0457	1111	马
0458	1112	驱
0459	1113	體
045A	1114	高
045B	1115	黃
045C	1116	黄
045D	1117	默
045E	1118	點
045F	1119	닐
0460	1120	終
0461	1121	终
0462	1122	介
0463	1123	溫
0464	1124	相
0465	1125	温
0466	1126	相
0467	1127	般

APPENDIX B – RS-232 Interface Cable Detail (Part Number S1385)



APPENDIX C – ALLEGIANT COMMAND SCRIPTS and the KBD-SFTCFG

Allegiant Command Scripts are entered using the Command Script table in the PC-based Allegiant Server software package. There are three distinct types of Allegiant macros which can be programmed using the KBD-SFTCFG software, downloaded into the keyboard, then activated via the IntuiKey keyboard's softkey buttons.

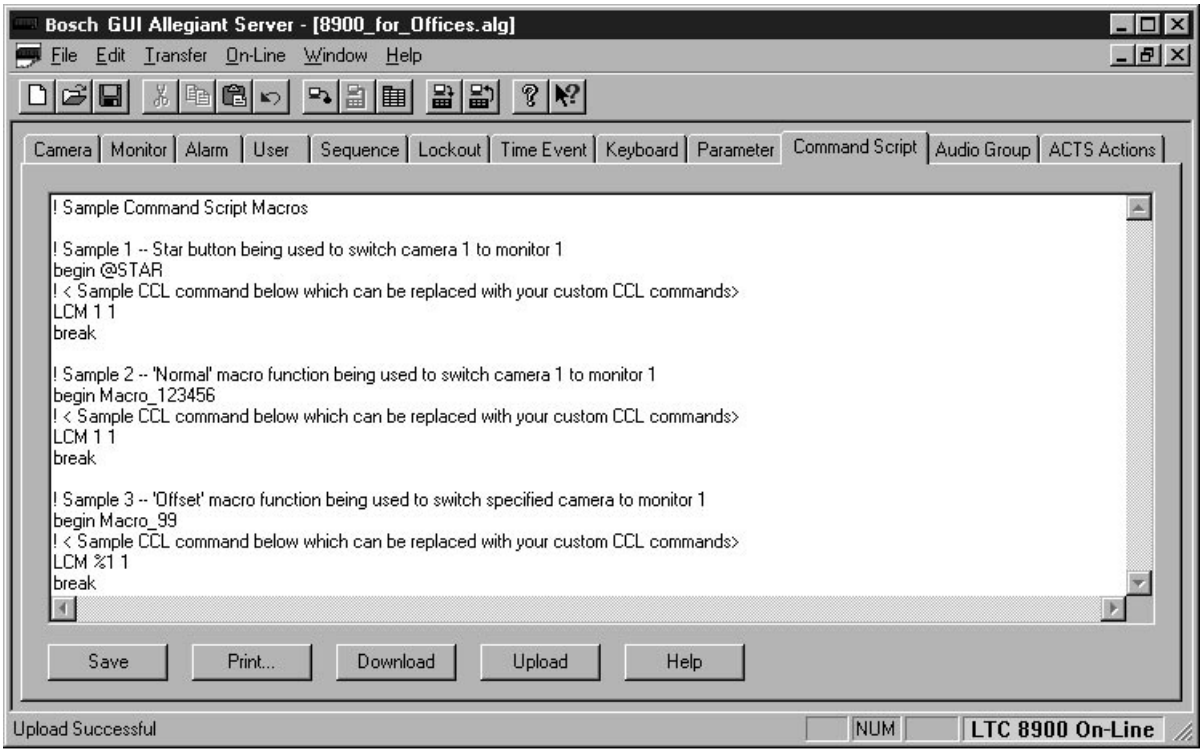
Type 1: The **Star** function is the simplest macro. Only one of these types of macros can be configured in the Allegiant system. Any of the softkey Command Scripts can be used to activate the Star macro function, by specifying the value 0 (zero) in the associated Command Script edit box (the default Star softkey menu can be found in the **80-Main Scripts** tree form). To define the function associated with the Star button activation, refer to the first example in the Command Script table.

Type 2: There can be 999999 different standard macros. In this case, a softkey macro in the keyboard is assigned a unique 6-digit number. The number corresponds to the macro number programmed into the Allegiant table. The sample below uses a standard macro which has been assigned the value **123456**.

Type 3: The **offset** macro is the most powerful macro. There can only be 99 different **offset** macros, but each can include an additional 4 digit number which is **passed** into the Allegiant Command Script. This allows configurations which utilize the same general function, but includes the camera or monitor number currently being controlled by the keyboard, or other values entered by the user via the numeric keypad. The sample below uses an offset macro which has been assigned the value **99**.

An example of each of the three is shown in the sample Command Script table below.

Refer to the **Allegiant PC Software Manual** and the **Allegiant Command Console Language** (**CCL**) **Manual** for more information on programming and using CCL commands.



APPENDIX D IntuiKey / KBD-SFTCFG Compatibility

Language tables can only be downloaded into keyboards that contain compatible firmware. Previous versions of the KBD-SFTCFG relied on 'Meta Data Schema' numbers to establish compatibility between language tables and IntuiKey firmware revisions. This format has been updated so that compatibility of a language table is now directly related to a specific IntuiKey firmware version number. The IntuiKey firmware version number associated with an open configuration document is displayed in the Status Bar. The firmware version number of an IntuiKey keyboard is displayed in its left LCD screen when the device is first powered up.If necessary, the latest IntuiKey firmware can be downloaded from the **Software Update** section of www.boschsecurity.com

For reference, the following table summarizes the old relationships:

Intuikey Series Firmware Version	Language Table Meta Data Schema
1.01 1.02	1
1.03	2
1.10	3

Americas
Bosch Security Systems
130 Perinton Parkway
Fairport, New York, 14450, USA
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+1 800 289 0096
security.sales@us.bosch.com
http://www.boschsecurity.us

Europe, Middle East, Africa
Bosch Security Systems B.V.
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5600 JB Eindhoven, The Netherlands
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Fax: +31 (0) 40 27 86668
emea.securitysystems@bosch.com
http://www.boschsecurity.com

Asia-Pacific
Bosch Security Systems Pte Ltd
38C Jalan Pemimpin
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Fax: +65 6319 3499
apr.securitysystems@bosch.com
http://www.boschsecurity.com

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